

FIG. 1

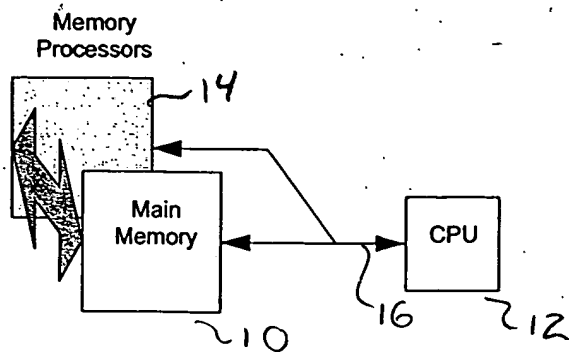
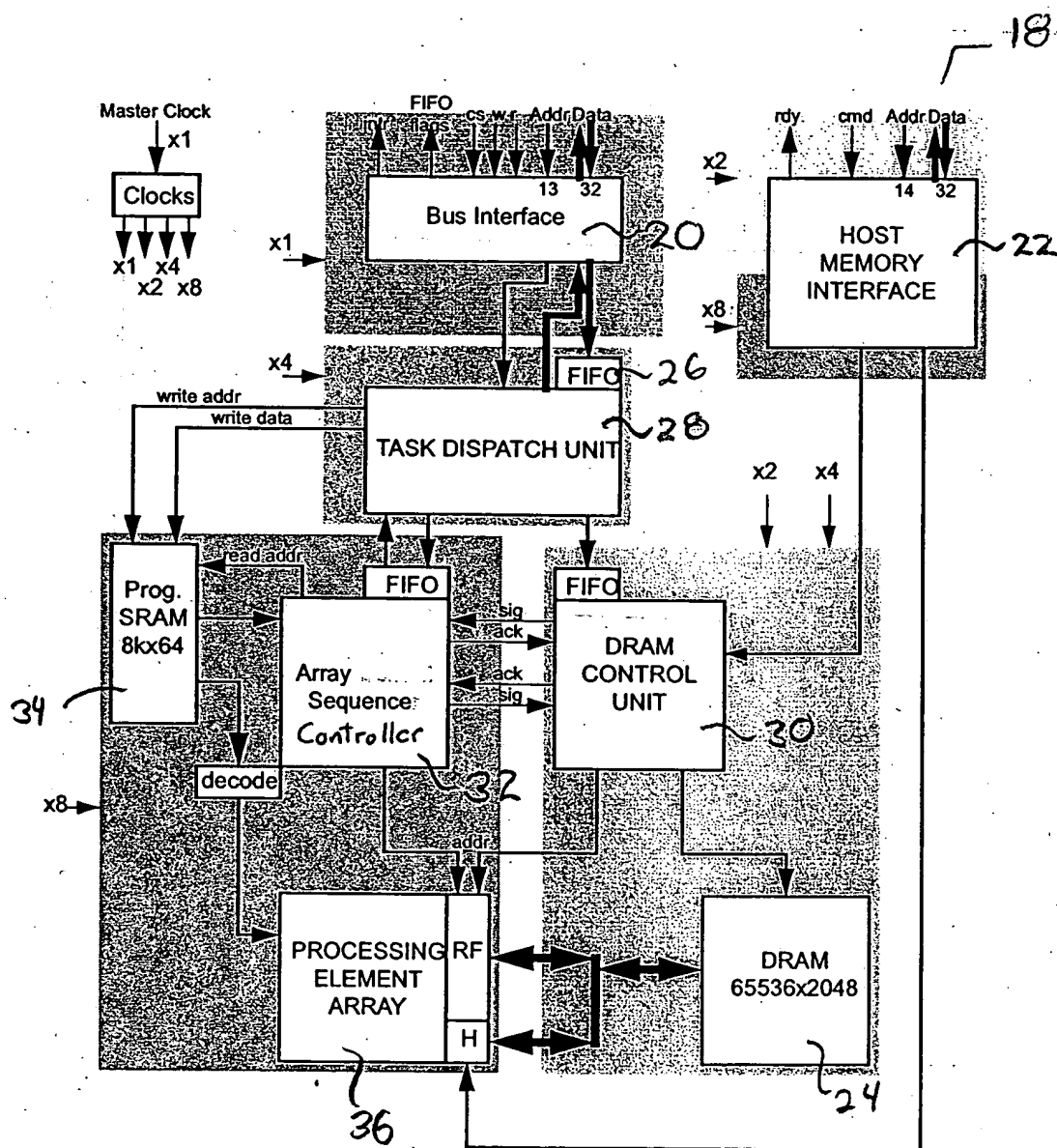


FIG. 2



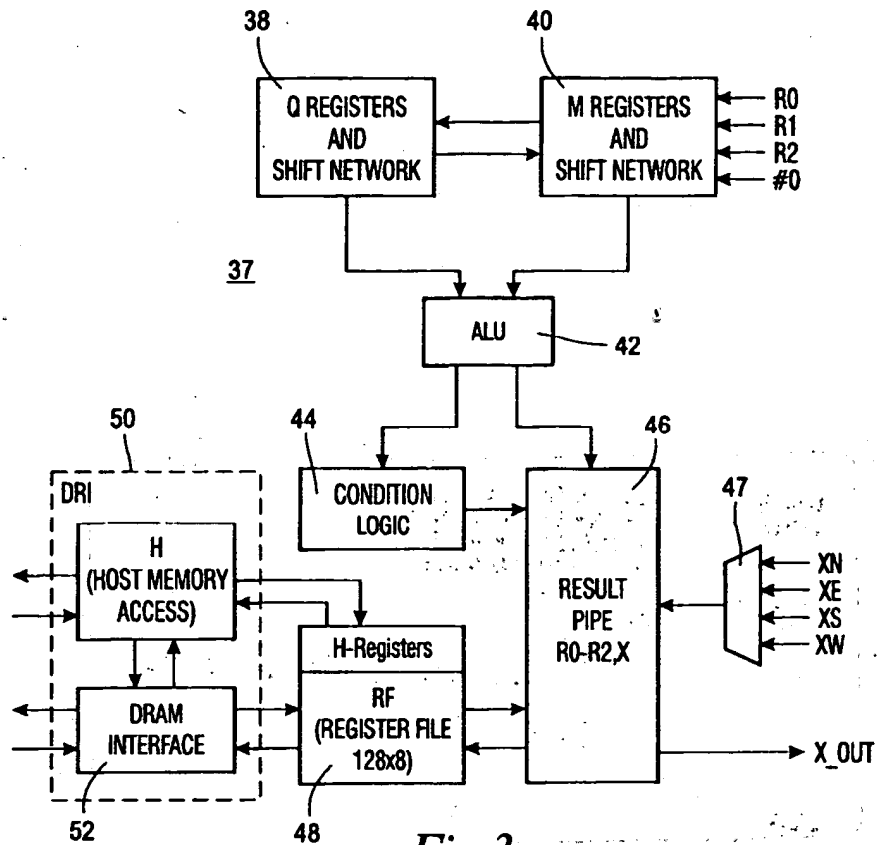


Fig.3

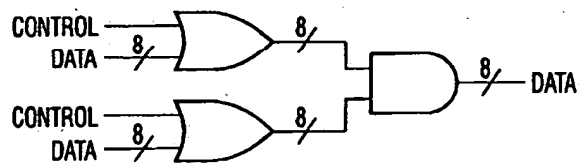
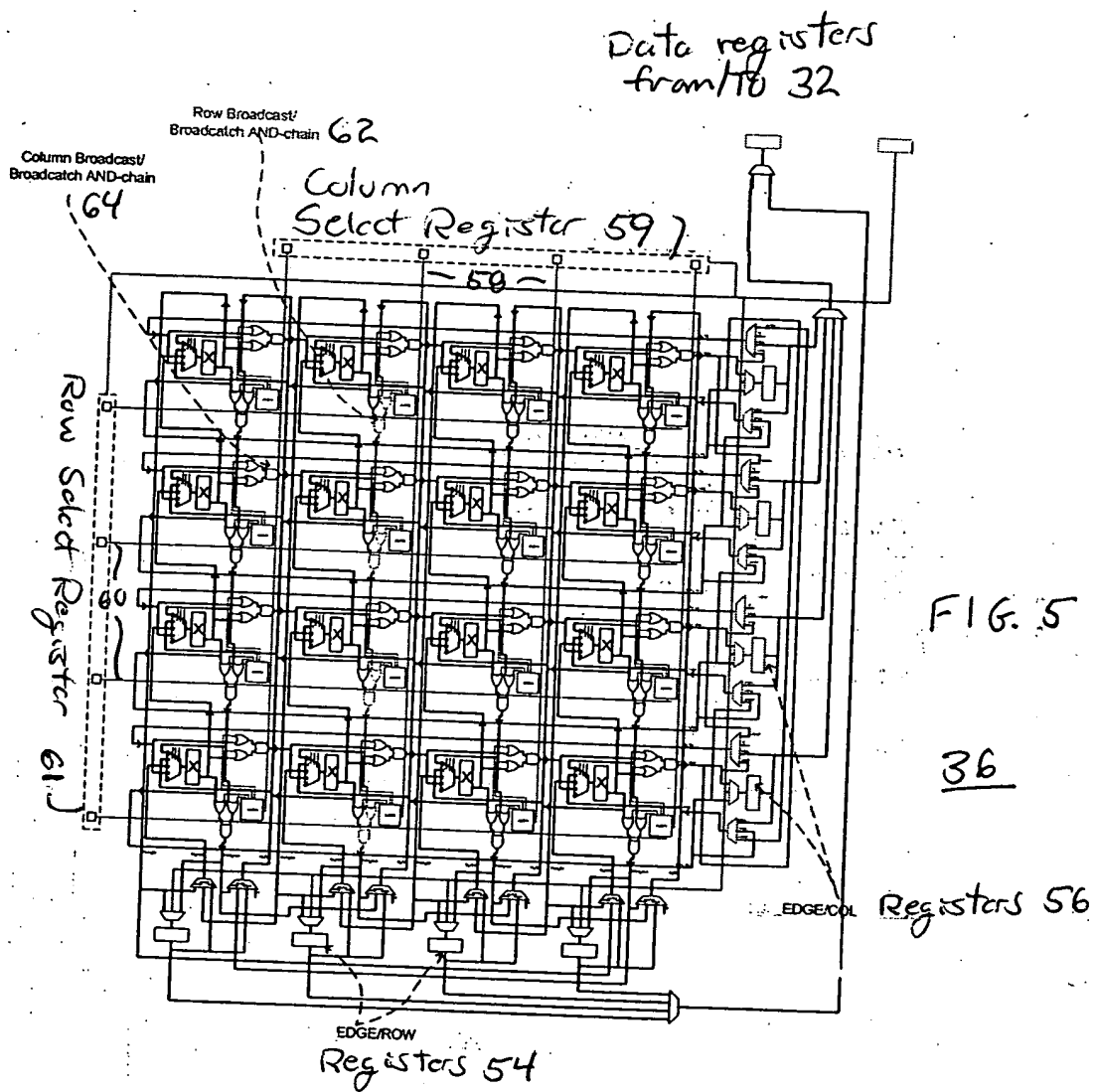
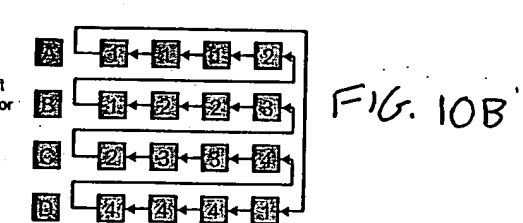
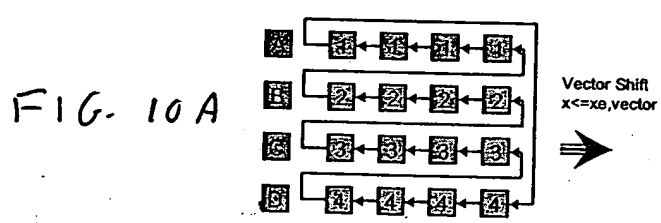
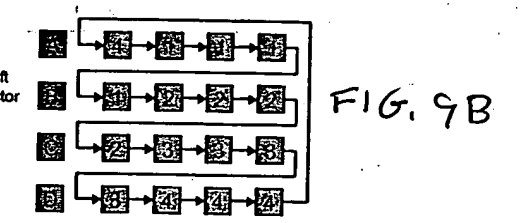
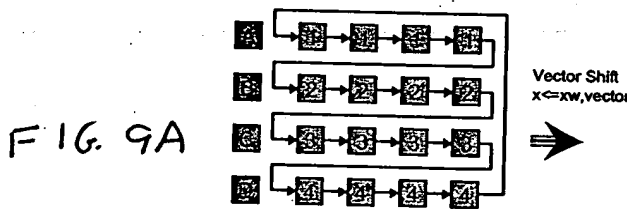
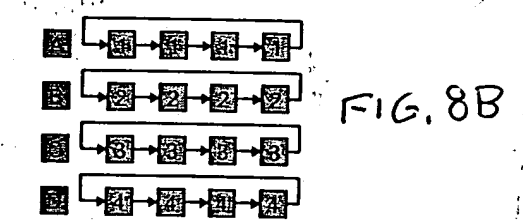
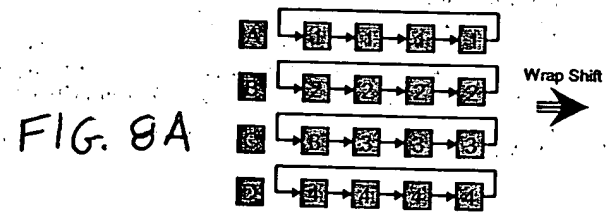
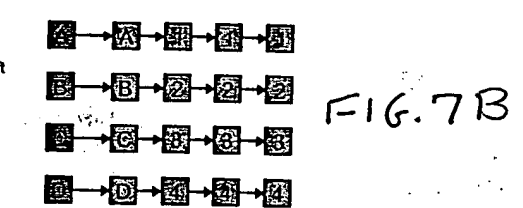
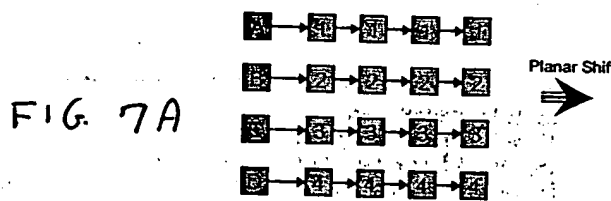
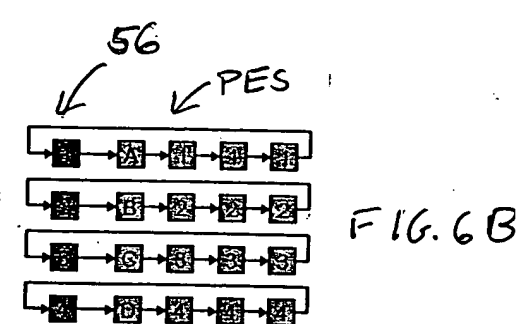
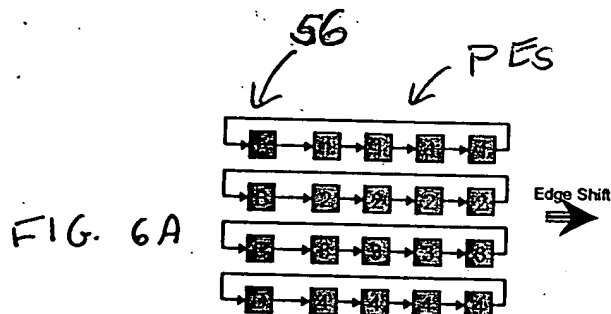


Fig.4





Data is broadcast from edge registers

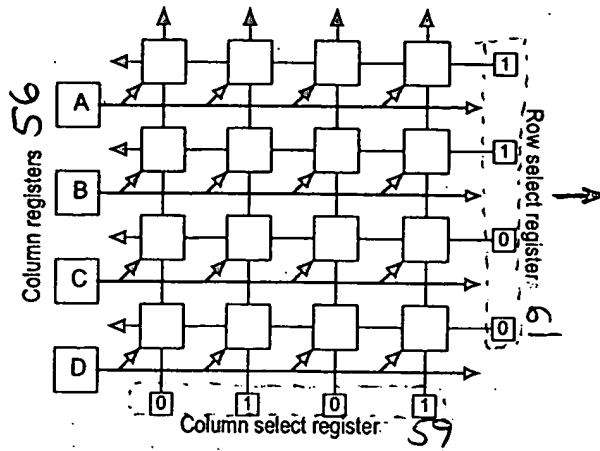


FIG. 11A

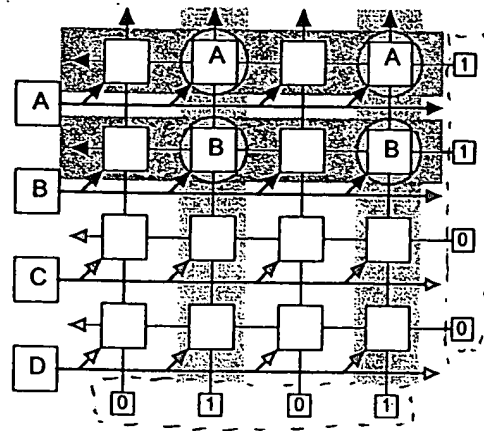


FIG. 11B

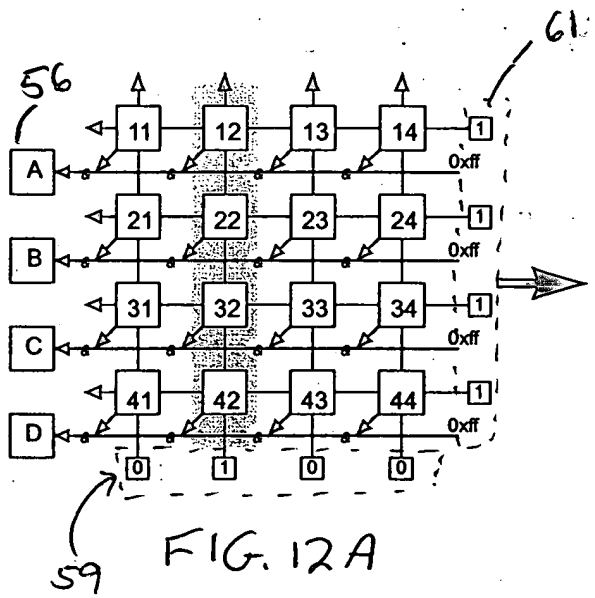


FIG. 12A

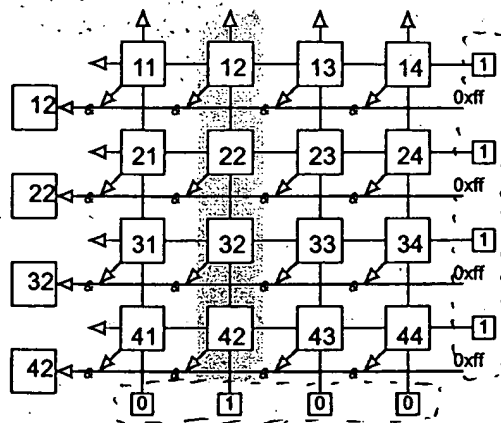


FIG. 12B

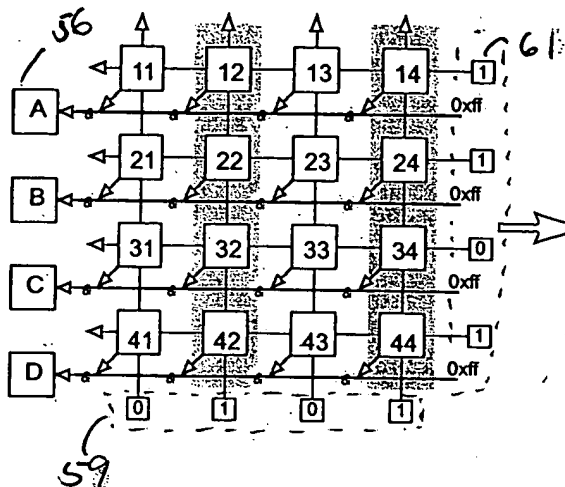


FIG. 13A

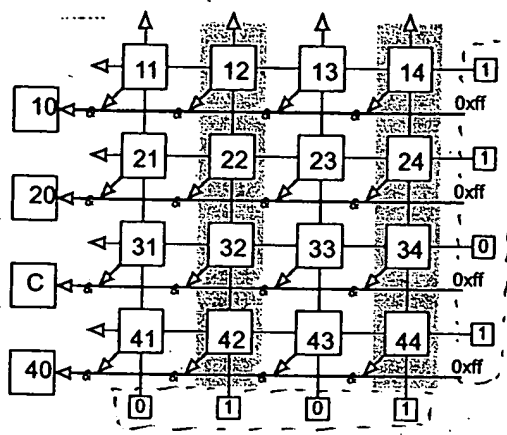


FIG. 13B

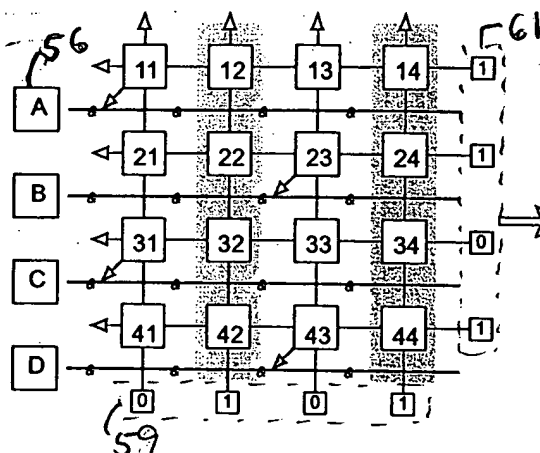


FIG. 14A

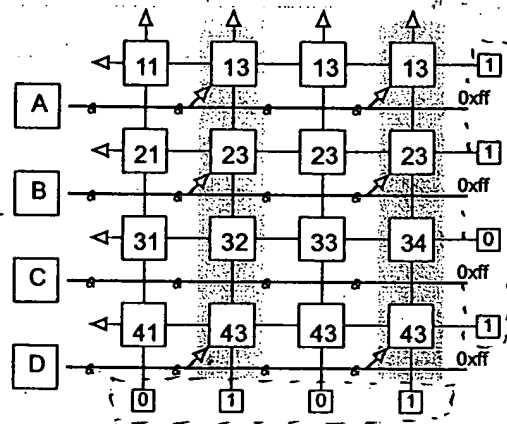


FIG. 14B

[illegible][illegible]

FIG. 15A

FIG. 15B

FIG. 16 A

1	2	3	4	5	6	7	8
A	B	C	D	E	F	G	H

Original data

FIG. 16 B

H	A	B	C	D	E	F	G
---	---	---	---	---	---	---	---

1<sup>st</sup> shift

FIG. 16 C

G	H	A	B	C	D	E	F
---	---	---	---	---	---	---	---

2<sup>nd</sup> shift

FIG. 16 D

F	G	H	A	B	C	D	E
---	---	---	---	---	---	---	---

3<sup>rd</sup> shift

FIG. 16 E

E	F	G	H	A	B	C	D
---	---	---	---	---	---	---	---

4<sup>th</sup> shift

FIG. 16 F

D	E	F	G	H	A	B	C
---	---	---	---	---	---	---	---

5<sup>th</sup> shift

FIG. 16 G

C	D	E	F	G	H	A	B
---	---	---	---	---	---	---	---

6<sup>th</sup> shift

FIG. 16 H

B	C	D	E	F	G	H	A
---	---	---	---	---	---	---	---

7<sup>th</sup> shift

1	2	3	4	5	6	7	8
A	B	C	D	E	F	G	H

FIG. 16 B

H	A	B	C	D	E	F	G
---	---	---	---	---	---	---	---

FIG. 16 C

G	H	A	B	C	D	E	F
---	---	---	---	---	---	---	---

FIG 16D

F	G	H	A	B	C	D	E
---	---	---	---	---	---	---	---

FIG. 16 E

E	F	G	H	A	B	C	D
---	---	---	---	---	---	---	---

FIG. 16F

D	E	F	G	H	A	B	C
---	---	---	---	---	---	---	---

FIG. 16G

C	D	E	F	G	H	A	B
---	---	---	---	---	---	---	---

FIG. 16 H

B	C	D	E	F	G	H	A
---	---	---	---	---	---	---	---

original date

1st shift

2nd shift

1000

3rd. 5th. 4th.

4th shift

[illegible]

5-15-54

[illegible]

FIG. 17

FIG. 18

